

CHURCHILL DOWNS "BIG BOARD, BIG NUMBERS"

281 Trillion



Number of different colors that can be displayed
Enough to display any color of the jockeys' silks

9 Million



Lines of resolution
Exceeding full HD resolution

1,241,150



Total weight of the structure (in pounds)
*Equivalent to the weight of 9,850 jockeys
(at a maximum weight of 126 pounds)*

178,273



Weight of the LED video display (in pounds)
*Equivalent to the weight of 148 Thoroughbred race horses
(weighing on average 1,200 pounds)*

15,224



Active screen display area (in square feet)
Larger than three basketball courts or 2,200 46-inch flat panel TV screens

6,500



Brightness (in cd/m2)
Approximately 30 times brighter than a standard HDTV

1,000



Current average viewing distance (in feet)
*Equivalent to 1.5 furlongs, the length of the Kentucky Derby
is 10 furlongs*

170.6



Width of LED screen (in feet)
More than 2 times wider than the Churchill Downs Homestretch

89.24



Height of LED screen (in feet)
267 hands tall, equivalent to 17 horses tall

170



Height from the ground to the top of the board (in feet)
Taller than the Churchill Downs Twin Spires by 50 feet

90



Wind speed the video board is designed to withstand (in miles per hour)
Enough to withstand a Category 1 hurricane

45



Depth that the 12 support beams are buried into bedrock (in feet)
Equivalent to 16 Louisville Slugger baseball bats stacked end to end

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